

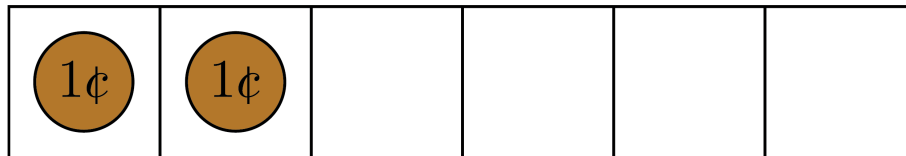


## Problem of the Week

### Problem C

#### Just My Two Cents

In Canada, pennies are 1 cent coins that were used up until 2012. Antonio and Bjorn are playing a game using two pennies and a game board consisting of a row of 6 squares. To start the game, the pennies are placed in the two leftmost squares, as shown.



The rules of the game are as follows:

- On a player's turn, the player must move one penny one or more squares to the right.
- The penny may not pass over any other penny or land on a square that is occupied by another penny.
- The game ends when the pennies are in the two rightmost squares. The last player to move a penny wins the game.

Bjorn knows that if he goes second he can always win the game, regardless of where Antonio moves the pennies on his turns. Describe Bjorn's winning strategy.